Table 1: Significance table.

	$\text{Events}_after_alphat_and_PFSL_cuts$	$\text{Events}_after_alphat_and_SL_cuts$	$\text{Events}_after_alphat_rea_nd_PFSL_cuts$	$\text{Events}_after_alphat_rea_nd_SL_cuts$
QCD_Pt15	4801 +- 4801	9602 +- 6789	4801 +- 4801	9602 +- 6789
QCD_Pt30	387.2 +- 387.2	387.2 +- 387.2	387.2 +- 387.2	387.2 +- 387.2
QCD_Pt80	67.95 +- 25.68	135.9 +- 36.32	67.95 +- 25.68	126.2 +- 35
QCD_Pt170	23.48 +- 2.532	12.56 +- 1.852	21.84 +- 2.442	10.92 +- 1.727
QCD_Pt300	2.694 +- 0.1868	0.285 +- 0.06076	2.409 +- 0.1767	0.2202 +- 0.05341
QCD_Pt470	0.5698 +- 0.028	0.002753 +- 0.001946	0.5037 +- 0.02633	0.002753 +- 0.001946
QCD_Pt800	0.0344 +- 0.00108	0 +- 0	0.03012 +- 0.001011	0 +- 0
QCD_Pt1400	0.0003132 +- 1.002e-05	0 +- 0	0.0002821 +- 9.509e-06	0 +- 0
TTbar_temp	66.29 +- 0.5046	62.59 +- 0.4903	59.49 +- 0.478	54.78 +- 0.4586
WJets_temp	203.7 +- 4.069	271.8 +- 4.699	197.3 +- 4.004	266.9 +- 4.657
ZJets_temp	3.969 +- 0.5452	4.793 +- 0.5991	3.969 +- 0.5452	4.868 +- 0.6038
ww_pat_1	4.54 +- 0.1871	5.095 +- 0.1982	4.417 +- 0.1845	4.948 +- 0.1953
wz_pat_1	2.395 +- 0.0849	2.913 +- 0.09363	2.35 +- 0.0841	2.829 +- 0.09227
zz_pat_1	1.084 +- 0.03298	1.498 +- 0.03878	1.056 +- 0.03255	1.451 +- 0.03816
LM4_temp	5.163 +- 0.03582	4.527 +- 0.03354	4.084 +- 0.03186	3.487 +- 0.02944
Significancy	0.06921	0.04421	0.05483	0.0341
QCD Significancy	0.07103	0.04496	0.0562	0.03466